

20080602.ba v04\_n177.bam.20080602

>From ???@??? Mon Jun 2 20:44:52 2008 -0500  
Date: Mon, 2 Jun 2008 20:28:08 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 4177  
Message-Id: <20080603022819.0014D10B1B4@srvr1.theporch.com>

## BOATANCHORS Digest 4177

Topics covered in this issue include:

- 1) No particular reason...  
by "Herbert M. Rosenthal" <herbrose@comcast.net>
- 2) Re: No particular reason...  
by Scott Robinson <spr@earthlink.net>
- 3) SX-28 Restoration  
by RICHARD SOLOMON <w1ksq@q.com>
- 4) Re: SX-28 Restoration  
by AAFRadio <mike\_25-z@aafradio.org>
- 5) Re: SX-28 Restoration  
by David Hollander <n7rk@cox.net>
- 6) RE: SX-28 Restoration  
by RICHARD SOLOMON <w1ksq@q.com>
- 7) Re: SX-28 Restoration  
by AAFRadio <mike\_25-z@aafradio.org>
- 8) Re: SX-28 Restoration  
by "Al Parker" <anchor@ec.rr.com>
- 9) Re: No particular reason...  
by "Arden Allen" <gumbear@pacbell.net>
- 10) Re: No particular reason...  
by Robert Lawson <w4rl@bellsouth.net>
- 11) Re: Wierd speaker  
by "Marty Reynolds' debris field" <polepeeg@aa4rm.ba-watch.org>
- 12) Disc Ceramic Cap Vendor ??  
by RICHARD SOLOMON <w1ksq@q.com>
- 13) HRO-SIXTY  
by "Tom Smith" <tsmith@hal-pc.org>
- 14) Re: Disc Ceramic Cap Vendor ??  
by "Al Parker" <anchor@ec.rr.com>
- 15) Re: Disc Ceramic Cap Vendor ??  
by "David Stinson" <arc5@ix.netcom.com>
- 16) Re: Disc Ceramic Cap Vendor ??  
by wb3fau@att.net
- 17) Re: Disc Ceramic Cap Vendor ??  
by spr@earthlink.net
- 18) Disc ceramic caps VS mylar caps

by spr@earthlink.net  
19) Re: Disc Ceramic Cap Vendor ??  
by wb3fau@att.net  
20) SX-28 Restoration  
by RICHARD SOLOMON <w1ksz@q.com>  
21) Re: SX-28 Restoration  
by WA5CAB@cs.com

-----  
Message-ID: <48423940.5060304@comcast.net>  
Date: Sat, 31 May 2008 23:53:04 -0600  
From: "Herbert M. Rosenthal" <herbrose@comcast.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: No particular reason...  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

... but after this past week or two's posting about speakers, I was reminded of dynamic speakers in old, wood cabinet 'chapel' radios. By the time I started working in a radio shop, about 1943 (I was 14, about 75 cents/hour), dynamic replacement speakers were no longer available. We replaced the field coil in the choke input power supply with a Stancor or Thordarson power choke under the chassis, and the speaker with a good one-same diameter. Drilled out the rivets that held the output transformer and moved it to the new speaker...Customers would bring them back after a week or two and report that their radio no longer sounded good-too much bass response... we solved this by replacing the coupling cap into the audio stage with a much lower value, and the lower audio register was all that could be heard-made a good 'tinny' sound, and the customer was satisfied after listening so many years to that dynamic speaker.. Usually had to replace the grille cloth, too, because the original was torn from so many Crayons poked into it by the kids (we returned the Crayons to the owner.)

Then tonight, while brushing my teeth, for no reason, I was reminded of wirewound line cords and how warm they got... and the resistor wire wound around an asbestos core. My. my, how times have changed.

Anyone else get these thoughts from the past-for no reason at all?

Herb W5AN

-----  
Mime-Version: 1.0  
Message-Id: <p06240800c467f9dcdb8b@[192.168.1.2]>  
Date: Sun, 1 Jun 2008 00:03:11 -0700  
To: Old Tube Radios <boatanchors@theporch.com>

From: Scott Robinson <spr@earthlink.net>  
Subject: Re: No particular reason...  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hi Herb,

Well, I \*have\* several of said console radios with field coil speakers. If the speaker is missing, hooray-I get to put a better one in its place.

/scott

At 11:53 PM -0600 5/31/08, Herbert M. Rosenthal wrote:

>... but after this past week or two's posting about speakers, I was  
>reminded of dynamic speakers in old, wood cabinet 'chapel' radios.  
>By the time I started working in a radio shop, about 1943 (I was 14,  
>about 75 cents/hour), dynamic replacement speakers were no longer  
>available. We replaced the field coil in the choke input power  
>supply with a Stancor or Thordarson power choke under the chassis,  
>and the speaker with a good one-same diameter. Drilled out the  
>rivets that held the output transformer and moved it to the new  
>speaker...Customers would bring them back after a week or two and  
>report that their radio no longer sounded good-too much bass  
>response... we solved this by replacing the coupling cap into the  
>audio stage with a much lower value, and the lower audio register  
>was all that could be heard-made a good 'tinny' sound, and the  
>customer was satisfied after listening so many years to that dynamic  
>speaker.. Usually had to replace the grille cloth, too, because the  
>original was torn from so many Crayons poked into it by the kids (we  
>returned the Crayons to the owner.)

>

>Then tonight, while brushing my teeth, for no reason, I was reminded  
>of wirewound line cords and how warm they got... and the resistor  
>wire wound around an asbestos core. My. my, how times have changed.

>

>Anyone else get these thoughts from the past-for no reason at all?

>

>Herb W5AN

-----  
Message-ID: <BAY130-W475EE9E2E0085E64951966E0B80@phx.gbl>

Content-Type: multipart/alternative;

boundary="\_18613cee-4973-4058-9fd0-9e68c7e3b6bb\_"

From: RICHARD SOLOMON <w1ksz@q.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: SX-28 Restoration

Date: Sun, 1 Jun 2008 19:35:34 +0000

MIME-Version: 1.0

--\_18613cee-4973-4058-9fd0-9e68c7e3b6bb\_  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Got to take a look at the speaker today. The case is a PM-23 but the original speaker has been replaced with two oval speakers and two sets of volume controls and binding posts added. Not much I can do about that. The grill is intact but grungy and I was wondering what folks do to them. Has anyone tried re-chroming them ?  
=20  
Also, what is the opinion on what to use to replace the .02 ufd paper caps = ? An SP-600  
I had was populated with disc ceramics, they would be easy to get.  
=20  
Thanks for all the previous replies.  
=20  
73, Dick, W1KSZ=

--\_18613cee-4973-4058-9fd0-9e68c7e3b6bb\_  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
* (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--\_18613cee-4973-4058-9fd0-9e68c7e3b6bb\_--

-----  
Message-ID: <48430075.3020808@aafradio.org>  
Date: Sun, 01 Jun 2008 16:03:01 -0400  
From: AAFRadio <mike\_25-z@aafradio.org>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: SX-28 Restoration  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

RICHARD SOLOMON wrote:

> The grill is intact but grungy and I was wondering what folks do to them.  
> Has anyone tried re-chroming them ?

I've never seen a chrome grill, Dick. I simply repainted mine with silver paint and it looks just like the original.

73,  
Mike KC4TOS

-----  
Message-ID: <484303AB.5040302@cox.net>  
Date: Sun, 01 Jun 2008 13:16:43 -0700  
From: David Hollander <n7rk@cox.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: SX-28 Restoration  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

I have four PM-23 speakers Richard and they all have grills painted silver.

Have fun!

Dave N7RK

\*\*\*\*\*  
Dave N7RK                      Boatanchors Home Page: <http://members.cox.net/n7rk>  
Phoenix, Arizona                \*DXCC Honor Roll\*        \*WAZ#22 - 75 Meter SSB\*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

-----  
Message-ID: <BAY130-W36D5796BA95B0AE94C2855E0B80@phx.gbl>  
Content-Type: multipart/alternative;  
          boundary="\_0b454d52-6f80-4a3d-af13-b7d4456b1d01\_"  
From: RICHARD SOLOMON <w1ks@q.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: SX-28 Restoration  
Date: Sun, 1 Jun 2008 21:10:45 +0000  
MIME-Version: 1.0

--\_0b454d52-6f80-4a3d-af13-b7d4456b1d01\_  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Silver paint it is. Any recommendation ?? Liquid (brush-on), Krylon spray ?=  
?  
I would like to get it as close to original as possible.  
=20  
Thanks, Dick, W1KSZ

> Date: Sun, 1 Jun 2008 13:16:43 -0700> From: n7rk@cox.net> To: boatanchors=  
@theporch.com> CC: boatanchors@theporch.com> Subject: Re: SX-28 Restoration=  
> > I have four PM-23 speakers Richard and they all have grills painted sil=  
ver.> > Have fun!> > Dave N7RK> > \*\*\*\*\*  
\*\*\*\*\*> Dave N7RK Boatanchors Home Page: [http://members.cox.net=  
/n7rk](http://members.cox.net/~n7rk)> Phoenix, Arizona \*DXCC Honor Roll\* \*WAZ#22 - 75 Meter SSB\*> > ex-XE2=  
/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX> > Boatanchor and Antique R=  
adio Collector> =

--\_0b454d52-6f80-4a3d-af13-b7d4456b1d01\_  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
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\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

--\_0b454d52-6f80-4a3d-af13-b7d4456b1d01\_--

-----  
Message-ID: <484312E5.20107@aafradio.org>  
Date: Sun, 01 Jun 2008 17:21:41 -0400  
From: AAFRadio <mike\_25-z@aafradio.org>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: SX-28 Restoration  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

I just used a Krylon spray, Dick. Turned out beautifully on both speakers!

RICHARD SOLOMON wrote:

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>* * * * *
>*      ---REMAINDER OF MESSAGE TRUNCATED---      *
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>* is not set to send PLAIN TEXT ONLY and needs adjusting *
>* * * * *
>
>
>
```

-----  
Message-ID: <056401c8c431\$50184ab0\$6401a8c0@reloaded>  
From: "Al Parker" <anchor@ec.rr.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: SX-28 Restoration  
Date: Sun, 1 Jun 2008 17:49:05 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
          format=flowed;  
          charset="iso-8859-1";  
          reply-type=original  
Content-Transfer-Encoding: 7bit

Hi Dick,

I've used Krylon 1403 Dull Aluminum for my PM-23, the same as I've used on the hinged lids of SX-101 -HT-32. Don't use shiny aluminum paint. I think PLASTI-KOTE, Gun Metal Silver / GM-7121 may be about the same.

73,

Al, W8UT

New Bern, NC

[www.boatanchors.org](http://www.boatanchors.org)

[www.hammarlund.info](http://www.hammarlund.info)

"there is nothing -absolutely nothing- half as much worth doing as simply messing about in boats."

----- Original Message -----

From: "RICHARD SOLOMON" <w1ksz@q.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Sunday, June 01, 2008 5:10 PM  
Subject: RE: SX-28 Restoration

Silver paint it is. Any recommendation ?? Liquid (brush-on), Krylon spray ??  
I would like to get it as close to original as possible.

Thanks, Dick, W1KSZ

> Date: Sun, 1 Jun 2008 13:16:43 -0700> From: n7rk@cox.net> To:  
> boatanchors@theporch.com> CC: boatanchors@theporch.com> Subject: Re: SX-28  
> Restoration> > I have four PM-23 speakers Richard and they all have grills  
> painted silver.> > Have fun!> > Dave N7RK> >  
> \*\*\*\*\*> Dave N7RK  
> Boatanchors Home Page: <http://members.cox.net/n7rk>> Phoenix, Arizona \*DXCC  
> Honor Roll\* \*WAZ#22 - 75 Meter SSB\*> > ex-XE2/N7RK, N7RK/ZB2, VK2ERK,  
> ZM0AJN, WB6NRK, WN6IWX> > Boatanchor and Antique Radio Collector>

-----  
Message-ID: <003901c8c450\$54f3f100\$1ca0480c@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: No particular reason...  
Date: Sun, 1 Jun 2008 18:26:54 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Anyone else get these thoughts from the past-for no reason at all?

Yeah, my guilty conscience still bothers me. I'm the one that ruined the  
loudspeaker in my dad's pre-war console that lasted until the late 40's.  
Thanks for the memories, .....I think.

Arden Allen  
KB6NAX

-----  
Message-ID: <484353AC.5010707@bellsouth.net>  
Date: Sun, 01 Jun 2008 20:58:04 -0500  
From: Robert Lawson <w4rl@bellsouth.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: No particular reason...  
Content-Type: multipart/alternative;  
boundary="-----010102070300050902080105"



This is a multi-part message in MIME format.

-----010102070300050902080105

Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

And I have such of my own memories pop up also after all these years. But you know what, all good dads forgave their mischievous sons the day after we did such stupid boyhood things driven to explore our world and ourselves. Before my dad passed away many years ago, he told me he had the same memories from his boyhood days, and told me of his memories about me. And my son now grown has told me the same. 'Things' don't matter, it's the love between a father and son that does. And this will go on for generations with good fathers who love their sons, no matter what. And in our autumn years it gives us fathers memories of real laughter in raising sons. Life now would not be interesting without all that. As true as rain and sunshine, those actions and thoughts are passed on to our boys, and theirs. Who of us would want it different.

73 Robert

Arden Allen wrote:

>> Anyone else get these thoughts from the past-for no reason at all?

>>

>

> Yeah, my guilty conscience still bothers me. I'm the one that ruined the

> loudspeaker in my dad's pre-war console that lasted until the late 40's.

> Thanks for the memories, .....I think.

>

> Arden Allen

> KB6NAX

>

>

>

-----010102070300050902080105

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
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-----010102070300050902080105--

-----  
Message-ID: <52146.216.49.173.170.1212375636.squirrel@fracas.netboobie.org>  
Date: Sun, 1 Jun 2008 23:00:36 -0400 (EDT)  
Subject: Re: Wierd speaker  
From: "Marty Reynolds' debris field" <polepeeeg@aaa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Never heard of the Walsh by OHM. But know of Lincoln Walsh.

He esigned the direct-coupled 845 amps used for stereo in fountain  
in front of RCA pavilion @ '39 world's fair. Kind of vacuum-  
tube darlingtontons

Also was a principle at Brook Audio post ww2.

His ckt was in Mac MC-30 (a-116B) & all later jobbies. (tag  
2day sounds kenwoodish)

Wish I cud find that 1939 IRE on the fair's stereo. It noted Bozak  
speakers weigning in @ 100s of lbs were there

mr aka 'rm

-----  
Message-ID: <BAY130-W498CF8A1C09EA4AB85EC04E0BB0@phx.gbl>  
Content-Type: multipart/alternative;  
boundary="\_d76d962e-c41f-451e-8a63-3f28d3d02020\_"  
From: RICHARD SOLOMON <w1ksz@q.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Disc Ceramic Cap Vendor ??  
Date: Mon, 2 Jun 2008 05:12:17 +0000  
MIME-Version: 1.0

--\_d76d962e-c41f-451e-8a63-3f28d3d02020\_  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Where do you buy your disc ceramics ?

=20

I need .02 ufd and .05 ufd @ 500+ vdc for the SX-28 resurrection. Digi-Key =  
wants

a 500 pc minimum order (at least for the only ones there search engine found).

=20

I tried a couple of surplus parts dealers, but all they had was low voltage ones.

=20

Thanks, Dick, W1KSZ=

--\_d76d962e-c41f-451e-8a63-3f28d3d02020\_  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

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* * * * *
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--\_d76d962e-c41f-451e-8a63-3f28d3d02020\_--

-----  
From: "Tom Smith" <tsmith@hal-pc.org>  
Subject: HRO-SIXTY  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Mon, 02 Jun 2008 06:39:21 -0500  
Message-ID: <web-495921714@mail.hal-pc.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="ISO-8859-1"; format="flowed"  
Content-Transfer-Encoding: 8bit

Does anyone have a nice National HRO Sixty available? I'd like to match up one with my newly renovated B&W 5100-B to work a little low power AM.

Thanks,  
Tom N5AMA

-----  
Message-ID: <05e401c8c4b0\$40a56b10\$6401a8c0@reloaded>  
From: "Al Parker" <anchor@ec.rr.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Disc Ceramic Cap Vendor ??  
Date: Mon, 2 Jun 2008 08:57:45 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;

format=flowed;  
charset="iso-8859-1";  
reply-type=original  
Content-Transfer-Encoding: 7bit

HI Dick,  
Mouser.com  
great selection, easy to search for what you want online, no min. order,  
no handling charges, shipping chg appears to be just about what it costs  
them.  
73,  
Al, W8UT  
New Bern, NC  
[www.boatanchors.org](http://www.boatanchors.org)  
[www.hammarlund.info](http://www.hammarlund.info)

"there is nothing -absolutely nothing- half as much worth doing as simply  
messing about in boats."

----- Original Message -----  
From: "RICHARD SOLOMON" <w1ksz@q.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Monday, June 02, 2008 1:12 AM  
Subject: Disc Ceramic Cap Vendor ??

Where do you buy your disc ceramics ?

I need .02 ufd and .05 ufd @ 500+ vdc for the SX-28 resurrection. Digi-Key  
wants  
a 500 pc minimum order (at least for the only ones there search engine  
found).

I tried a couple of surplus parts dealers, but all they had was low voltage  
ones.

Thanks, Dick, W1KSZ

-----  
Message-ID: <1D5E391E134A4721B35B9AEA50C62E50@boudreaux>  
From: "David Stinson" <arc5@ix.netcom.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Disc Ceramic Cap Vendor ??  
Date: Mon, 2 Jun 2008 09:29:14 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";

reply-type=response  
Content-Transfer-Encoding: 7bit

I don't have an SX-28 diagram, but does it really need 500 volt caps?  
A somewhat lower, standard voltage value might make your search easier.

-----  
From: wb3fau@att.net  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: RICHARD SOLOMON <w1ksz@q.com>  
Subject: Re: Disc Ceramic Cap Vendor ??  
Date: Mon, 02 Jun 2008 17:50:42 +0000  
Message-Id:  
<060220081750.20522.484432F200097D150000502A22228869349B0A02D29B9B0EBF9A0E00CC0D99@att.net>

Rich, why not go with modern parts? These new polypro caps are real good, very stable and reasonably priced. Look up Radiodaze.com You can get them in any quantity you like, at a much better price! Russ.

----- Original message -----

From: RICHARD SOLOMON <w1ksz@q.com>

>

> Where do you buy your disc ceramics ?

>

> I need .02 ufd and .05 ufd @ 500+ vdc for the SX-28 resurrection. Digi-Key wants  
> a 500 pc minimum order (at least for the only ones there search engine found).

>

> I tried a couple of surplus parts dealers, but all they had was low voltage  
> ones.

>

> Thanks, Dick, W1KSZ

-----  
Message-ID: <6397366.1212430656370.JavaMail.root@elwamui-sweet.atl.sa.earthlink.net>

Date: Mon, 2 Jun 2008 11:17:35 -0700 (GMT-07:00)

From: spr@earthlink.net

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Disc Ceramic Cap Vendor ??

Mime-Version: 1.0

Content-Type: text/plain; charset=UTF-8

Content-Transfer-Encoding: 7bit

Folks,

The SX-28 uses a directly heated rectifier, so the B+ will be 100V or more higher than normal during warm up, as the rectifier tube heats in under 5 seconds and the rest take more like 15-20. That's when you need 500 or 630V caps. I use 630V, don't what to have to change them again.

Regards,

Scott

-----Original Message-----

>From: David Stinson <arc5@ix.netcom.com>

>Sent: Jun 2, 2008 7:29 AM

>To: Old Tube Radios <boatanchors@theporch.com>

>Subject: Re: Disc Ceramic Cap Vendor ??

>

>I don't have an SX-28 diagram, but does it really need 500 volt caps?

>A somewhat lower, standard voltage value might make your search easier.

>

-----  
Message-ID: <19630910.1212430741455.JavaMail.root@elwamui-sweet.atl.sa.earthlink.net>

Date: Mon, 2 Jun 2008 11:19:00 -0700 (GMT-07:00)

From: spr@earthlink.net

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Disc ceramic caps VS mylar caps

Mime-Version: 1.0

Content-Type: text/plain; charset=UTF-8

Content-Transfer-Encoding: 7bit

Richard,

I recommend the yellow Mylar caps that Antique and others sell. You can use ceramics

except in high impedance places like the AVC system (may be a bit leaky from the factory) and in the audio portion of the radio (cap[acitance varies with voltage, which causes distortion).

Regards,

Scott

>

>----- Original Message -----

>From: "RICHARD SOLOMON" <w1ks@q.com>

>To: "Old Tube Radios" <boatanchors@theporch.com>

>Sent: Monday, June 02, 2008 1:12 AM

>Subject: Disc Ceramic Cap Vendor ??  
>  
>  
>Where do you buy your disc ceramics ?  
>  
>I need .02 ufd and .05 ufd @ 500+ vdc for the SX-28 resurrection. Digi-Key  
>wants  
>a 500 pc minimum order (at least for the only ones there search engine  
>found).  
>  
>I tried a couple of surplus parts dealers, but all they had was low voltage  
>ones.  
>

-----  
From: wb3fau@att.net  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "David Stinson" <arc5@ix.netcom.com>  
Subject: Re: Disc Ceramic Cap Vendor ??  
Date: Mon, 02 Jun 2008 18:21:40 +0000  
Message-Id:  
<060220081821.13365.48443A340003B3060000343522230704929B0A02D29B9B0EBF9A0E00CC0D99  
@att.net>

The polypro caps that I use are 630 volt rated. Go with the new stuff, you  
will not likely ever need to replace them. Russ.

----- Original message -----

From: "David Stinson" <arc5@ix.netcom.com>

>

> I don't have an SX-28 diagram, but does it really need 500 volt caps?

> A somewhat lower, standard voltage value might make your search easier.

>

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Message-ID: <BAY130-W11AFD96D53958E7107595EE0BA0@phx.gbl>

Content-Type: multipart/alternative;

boundary="\_cd0c7f7a-d2da-4863-9ef1-8e926a86d441\_"

From: RICHARD SOLOMON <w1ks@q.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: SX-28 Restoration

Date: Tue, 3 Jun 2008 02:11:27 +0000

MIME-Version: 1.0

--\_cd0c7f7a-d2da-4863-9ef1-8e926a86d441\_

Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

I got the speaker looking decent, re-painted the grill but didn't touch the case.

It had a few spots missing the paint, but not enough to worry about.

=20

Next I got the receiver out of the case and in looking at the bottom I see some

kind of transformer with a couple of leads hanging in space. Not a good sign.

I hope that's not the audio output Xfmr.

=20

Does anyone have a picture showing the layout of the bottom ? All I seem to find is the alignment info and the 3 or 4" around the edges is obscured.=20

=20

Next is to clean the 1/2" of dirt and debris from the chassis. Clean the tubes also

(keeping track of which went where).

The tuning caps turn freely, no binding there, but some of the knobs (Main = Tuning

and Bandswitch) need replacing.

=20

73, Dick, W1KSZ=

--\_cd0c7f7a-d2da-4863-9ef1-8e926a86d441\_

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--\_cd0c7f7a-d2da-4863-9ef1-8e926a86d441\_--

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From: WA5CAB@cs.com

Message-ID: <d1d.2686f104.35760619@cs.com>

Date: Mon, 2 Jun 2008 22:27:37 EDT

Subject: Re: SX-28 Restoration

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="part1\_d1d.2686f104.35760619\_boundary"



--part1\_d1d.2686f104.35760619\_boundary  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In the event that what you actually have is AN/GRR-2 (SX-28-A), I have a reprint of the TM available.

In a message dated 6/2/2008 9:13:29 PM Central Daylight Time, w1ksz@q.com writes:

> I got the speaker looking decent, re-painted the grill but didn't touch the  
> case.  
> It had a few spots missing the paint, but not enough to worry about.  
>  
> Next I got the receiver out of the case and in looking at the bottom I see  
> some  
> kind of transformer with a couple of leads hanging in space. Not a good  
> sign.  
> I hope that's not the audio output Xfmr.  
>  
> Does anyone have a picture showing the layout of the bottom ? All I seem to  
> find is the alignment info and the 3 or 4" around the edges is obscured.  
>  
>

Robert Downs - Houston  
<<http://www.wa5cab.com>> (Web Store)  
MVPA 9480  
<[wa5cab@cs.com](mailto:wa5cab@cs.com)> (Primary email)  
<[wa5cab@comcast.net](mailto:wa5cab@comcast.net)> (Backup email)

--part1\_d1d.2686f104.35760619\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
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*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1\_d1d.2686f104.35760619\_boundary--

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End of BOATANCHORS Digest 4177  
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